

# CALCINED NEUBURG SILICEOUS EARTH POLYPROPYLENE COPOLYMER (PP COPO) 40 % FILLER CONTENT

## OBJECTIVE

### Performance of Silfit Z 91 and Aktifit AM

#### Ultrafine premium talc

- recommended for
- high impact strength
- good scratch resistance

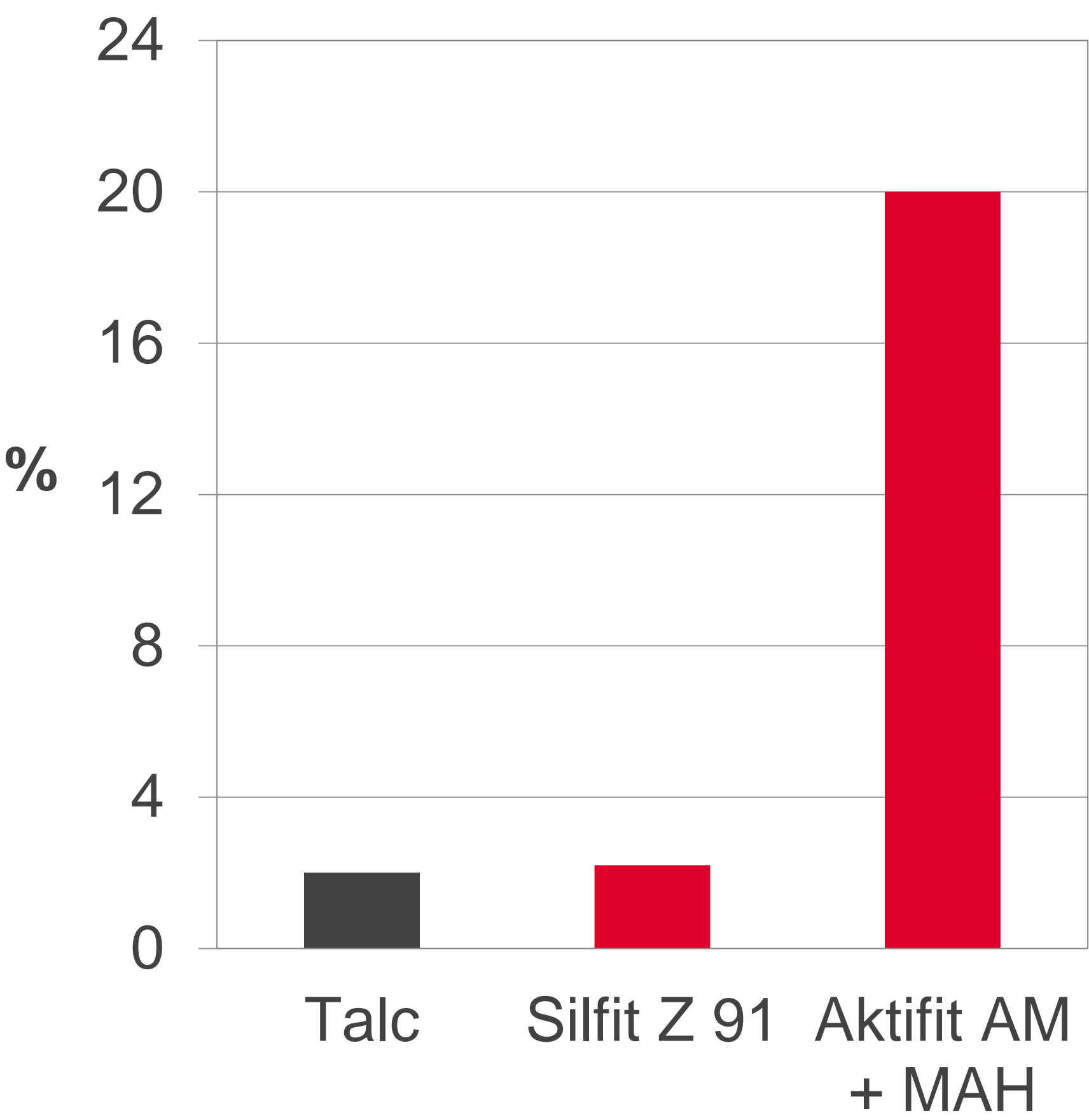


Neuburg Siliceous Earth:

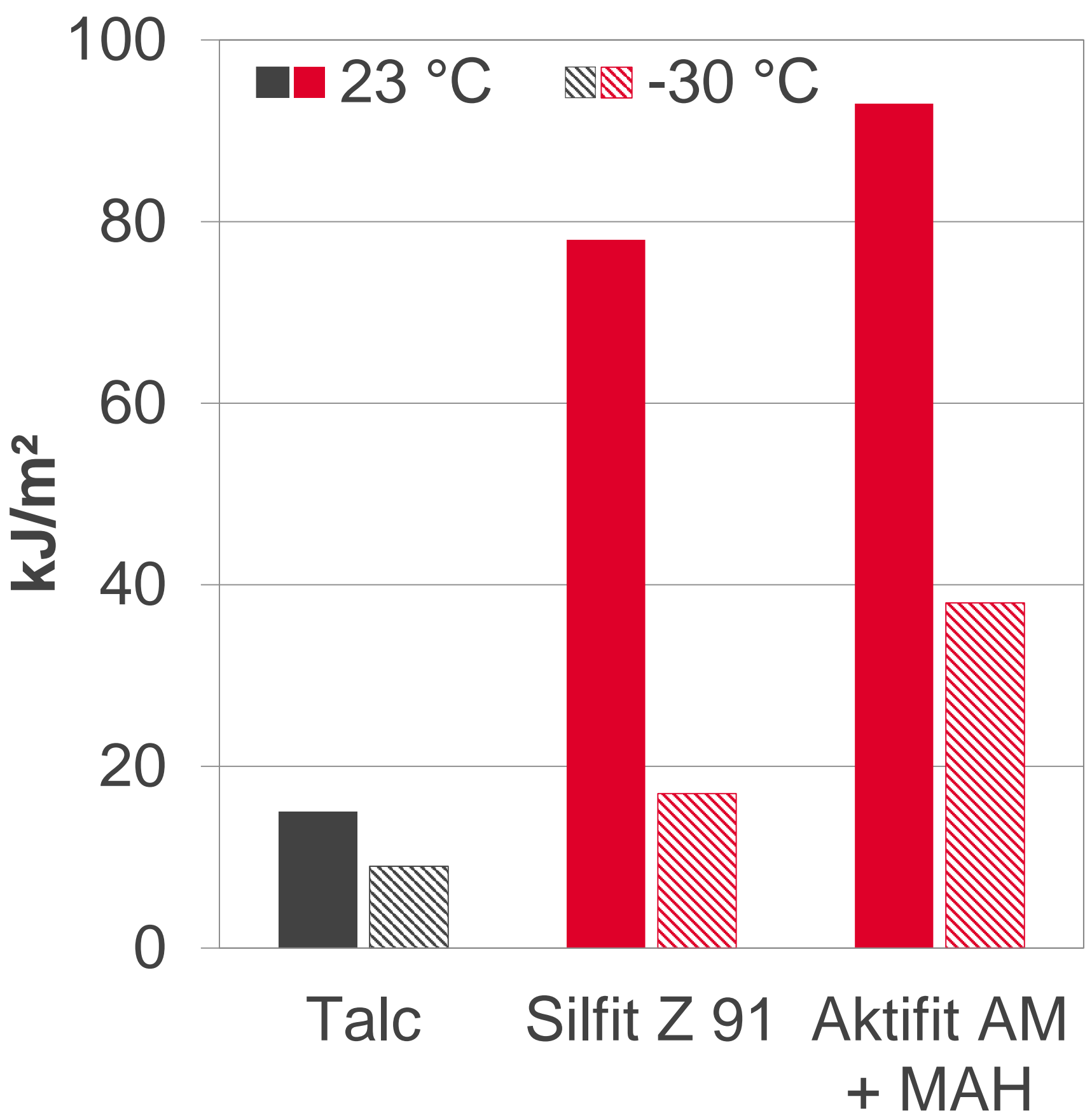
**Silfit Z 91**  
**Aktifit AM + MAH**

## RESULTS

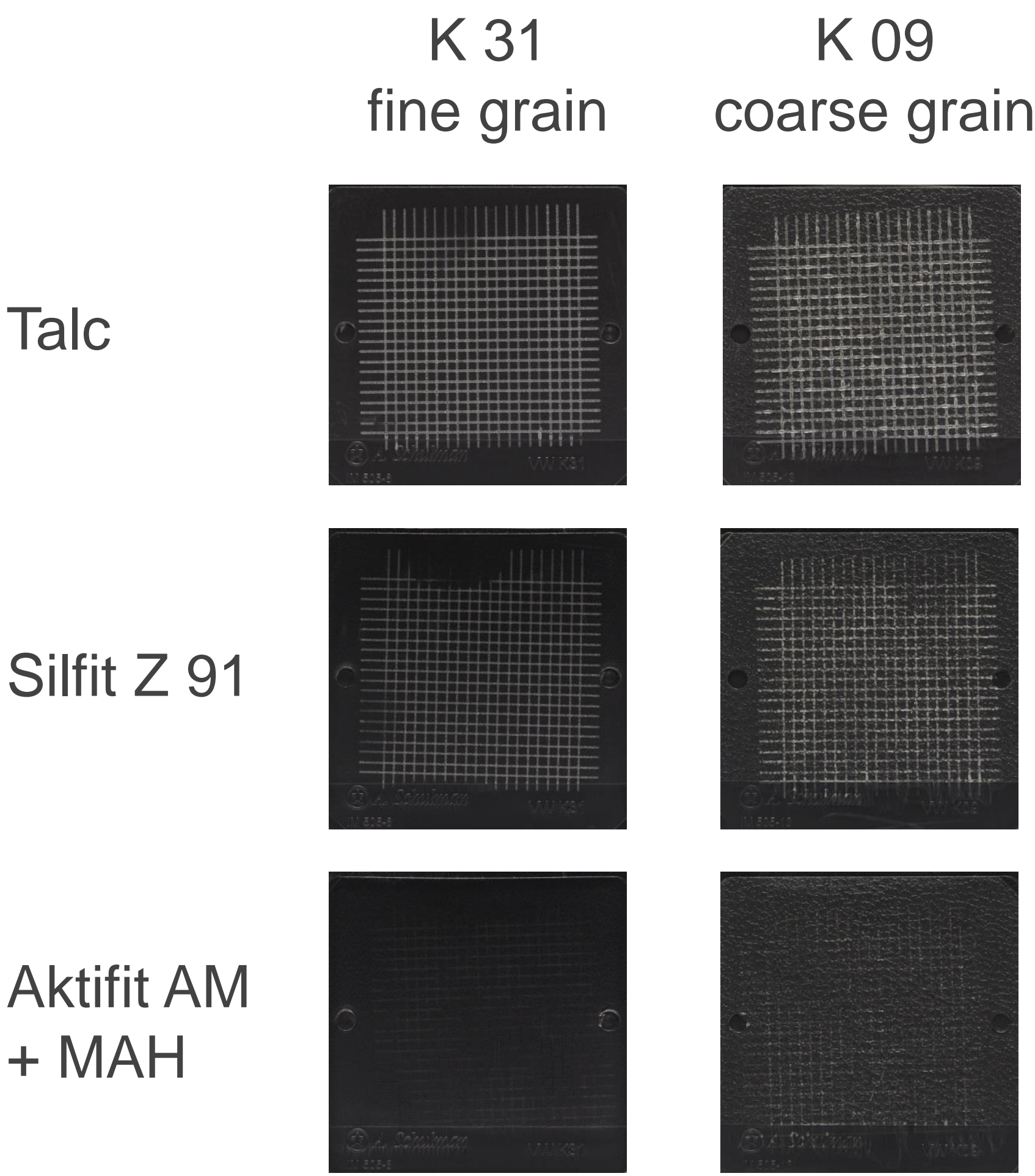
Tensile Strain at Break  
DIN EN ISO 527-1, -2; 5 mm/min



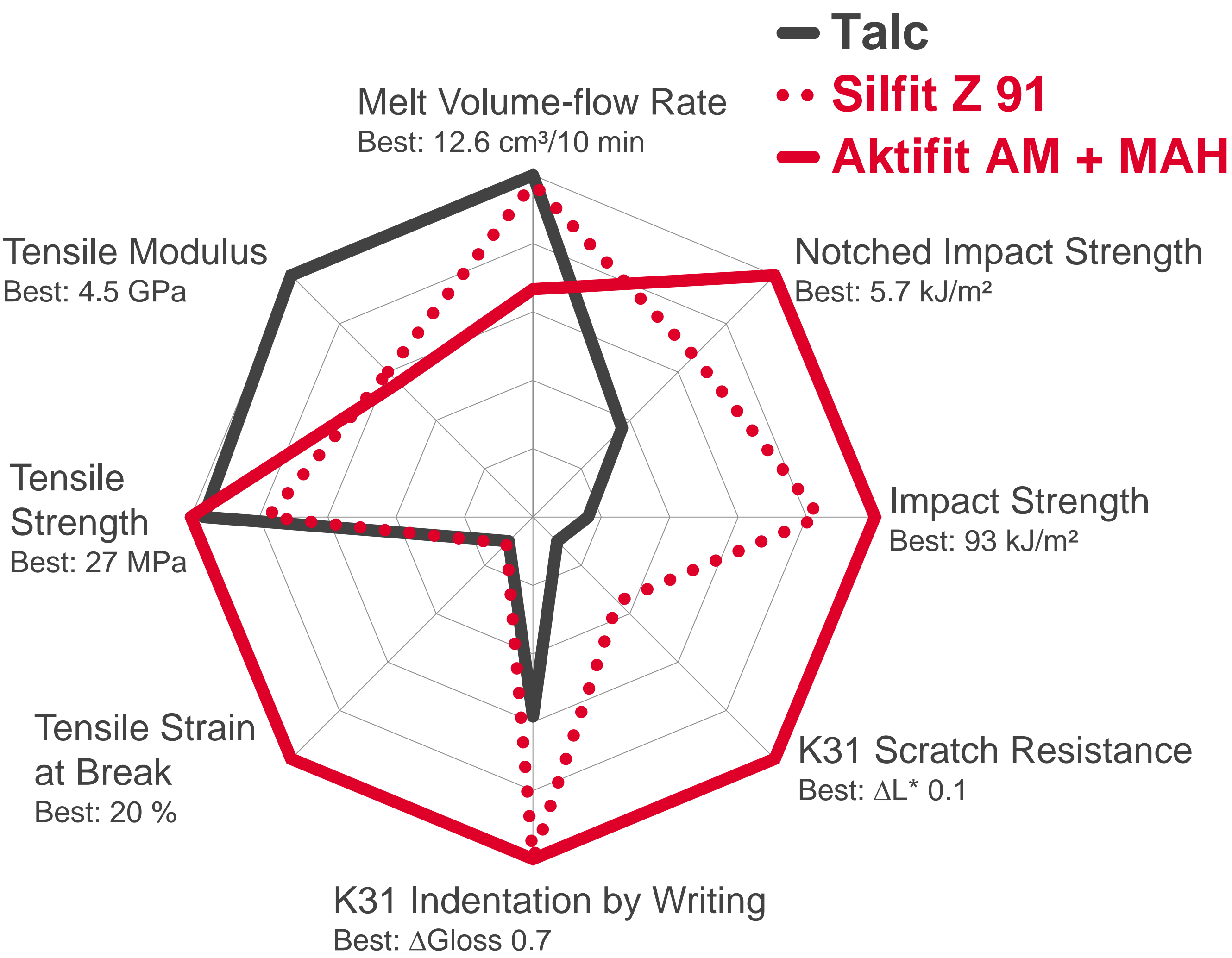
Charpy Impact Strength  
DIN EN ISO 179-1/1eU



Scratch Resistance



## SUMMARY



#### Benefits Aktifit AM + MAH vs. Premium Talc:

- Excellent high tensile strain at break
- Strongly enhanced impact strength, even at low temperature
- Markedly improved indentation by writing
- Excellent scratch resistance

**Silfit Z 91** offers as a cost-conscious version higher impact strength as well as improved indentation by writing and scratch resistance.

#### Outlook

Special impact modifiers can be reduced, which also should help to alleviate differences in stiffness.